GAMA Domestic Well Project, El Dorado County Focus Area Summary of Detections Above a Drinking Water Standard

Total Number of Wells Sampled: 398

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Compound	Number of Wells Above Public Drinking Water Standard	Percentage	Range of Detected Values Above Public Drinking Water Standards	Public Drinking Water Standards MCL SMCL NL		
		Bacteria In	dicators			
Total Coliform	111	28%	NA	Present		
Fecal Coliform	14	4%	NA	Present		
		Major Ions & Gen	eral Chemistry			
Nitrate (as NO ₃)	7	2%	50 – 84 mg/L	45 mg/L		
		Meta	ils			
Antimony	2	<1%	11 – 12 μg/L	6 μg/L		
Aluminum	11	3%	220 – 1,500 μg/L	1,000 μg/L	200 μg/L	
Arsenic	14	4%	11 – 110 μg/L	10 μg/L		
Iron	80	20%	310 – 87,000 μg/L		300 μg/L	
Lead	3	1%	18 – 110 μg/L			15 μg/L
Manganese	97	24%	51 – 1,800 μg/L		50 μg/L	
Nickel	1	<1%	150 μg/L	100 μg/L		
Zinc	1	<1%	5.8 mg/L		5 mg/L	
	Orga	nic Compounds (F	Pesticides and VOCs)	_	•	
Benzene	1	<1%	15 μg/L	1 μg/L		
MTBE	1	<1%	5.7 μg/L	13 μg/L	5 μg/L	

Notes:

- Coliform are evaluated on a presence/absence criteria. No range can be determined
- MCL = California Department of Public Health (CDPH) Primary Maximum Contaminant Level; SMCL = CDPH Secondary Maximum Contaminant Level; NL = CDPH Notification Level
- mg/L = milligrams per liter; μg/L = micrograms per liter